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(54) Title: PEPTIDES AND METHODS FOR DEACTIVATION OF ORGANOPHOSPHORUS-BASED NERVE AGENTS AND INSECTICIDES

(57) Abstract: This invention provides methods and peptides for the inactivation of organophosphorus-based insecticides and chemical warfare agents. The instant methods include peptide screening methods, peptides and peptide libraries, related compositions of matter, articles of manufacture, and methods for prophylaxis, treatment, decontamination and detection.

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